

Volume of Petroleum Products

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state
thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States										
November 2018	20,226.7	20,523.3	16,663.0	233,643.6	14,834.7	1,668.0	1,681.5	210.0	1,694.6	-
October 2018	20,291.6	20,611.2	16,999.2	236,103.7	15,946.3	1,655.8	1,668.3	220.4	1,728.6	-
November 2017	19,908.9	20,165.9	16,979.2	231,480.8	18,382.5	1,651.0	1,667.1	253.2	1,955.5	-
PAD District 1										
November 2018	6,545.3	6,631.4	W	W	2,179.7	578.7	581.8	W	W	-
October 2018	6,553.6	6,644.5	W	W	1,543.2	568.3	571.3	W	W	-
November 2017	6,676.4	6,719.3	W	W	4,297.8	572.6	575.7	W	W	-
Subdistrict 1A										
November 2018	W	W	W	W	W	W	W	-	28.6	-
October 2018	W	W	W	W	W	W	W	-	30.5	-
November 2017	W	W	W	W	W	W	W	-	31.8	-
Connecticut										
November 2018	-	W	W	2,353.9	W	-	-	-	9.8	-
October 2018	-	W	W	2,275.9	W	-	-	-	10.5	-
November 2017	-	W	-	1,719.8	NA	-	-	-	13.2	-
Maine										
November 2018	-	-	W	W	-	-	-	-	W	-
October 2018	-	-	-	649.5	-	-	-	-	W	-
November 2017	-	-	-	616.7	-	-	-	-	W	-
Massachusetts										
November 2018	W	W	-	1,296.1	-	W	W	-	5.3	-
October 2018	W	W	-	1,229.5	-	W	W	-	5.3	-
November 2017	W	W	-	902.0	-	W	W	-	4.0	-
New Hampshire										
November 2018	W	W	W	W	-	W	W	-	-	-
October 2018	W	W	W	W	-	W	W	-	-	-
November 2017	W	W	W	W	-	W	W	-	-	-
Rhode Island										
November 2018	W	W	-	952.6	-	W	W	-	5.0	-
October 2018	W	W	-	W	-	W	W	-	W	-
November 2017	W	W	-	W	W	W	W	-	W	-
Vermont										
November 2018	-	-	W	81.6	-	-	-	-	W	-
October 2018	-	-	W	W	-	-	-	-	W	-
November 2017	-	-	W	85.0	-	-	-	-	W	-
Subdistrict 1B										
November 2018	3,441.0	3,441.0	W	21,321.2	W	357.0	357.0	W	W	-
October 2018	3,329.5	3,329.5	W	21,607.1	W	342.1	342.1	W	W	-
November 2017	3,212.7	3,212.7	W	21,727.5	W	338.2	338.2	W	W	-
Delaware										
November 2018	W	W	-	1,017.5	-	W	W	-	7.4	-
October 2018	W	W	-	1,070.4	-	W	W	-	9.2	-
November 2017	W	W	-	1,009.9	-	W	W	-	9.1	-
District of Columbia										
November 2018	-	-	-	-	-	-	-	-	-	-
October 2018	-	-	-	-	-	-	-	-	-	-
November 2017	-	-	-	-	-	-	-	-	-	-
Maryland										
November 2018	-	-	-	3,786.7	-	-	-	-	44.9	-
October 2018	-	-	-	3,690.4	-	-	-	-	52.9	-
November 2017	-	-	W	W	-	-	-	-	56.7	-
New Jersey										
November 2018	W	W	W	W	1,111.6	W	W	W	W	-
October 2018	W	W	W	6,865.1	W	W	W	W	W	-
November 2017	W	W	W	W	1,097.1	W	W	W	W	-
New York										
November 2018	2,153.8	2,153.8	W	4,775.9	W	233.2	233.2	W	W	-
October 2018	2,011.6	2,011.6	W	W	W	218.4	218.4	W	W	-
November 2017	1,961.8	1,961.8	W	W	W	216.3	216.3	W	W	-
Pennsylvania										
November 2018	W	W	-	W	W	W	W	-	16.8	-
October 2018	W	W	-	W	W	W	W	-	19.1	-
November 2017	W	W	-	W	W	W	W	-	26.3	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States										
November 2018	2,405.2	2,435.6	4,665.5	28,566.7	1,667.5	24,300.0	24,640.4	21,538.5	263,904.8	16,502.2
October 2018	2,401.2	2,432.7	4,666.2	28,576.2	1,926.4	24,348.6	24,712.2	21,885.8	266,408.6	17,872.7
November 2017	2,421.0	2,443.3	4,642.8	28,607.8	2,471.6	23,980.9	24,276.3	21,875.2	262,044.1	20,854.1
PAD District 1										
November 2018	821.7	836.6	W	9,033.7	W	7,945.6	8,049.8	W	78,465.1	W
October 2018	796.4	812.0	W	9,075.2	W	7,918.3	8,027.8	W	79,071.5	W
November 2017	817.3	823.6	W	9,061.2	W	8,066.2	8,118.5	W	77,294.7	W
Subdistrict 1A										
November 2018	W	W	W	783.1	W	W	W	W	W	W
October 2018	W	W	W	780.9	W	W	W	W	W	W
November 2017	W	W	W	W	-	W	W	W	W	W
Connecticut										
November 2018	-	-	W	388.8	W	-	W	W	2,752.4	W
October 2018	-	-	W	389.0	W	-	W	W	2,675.5	W
November 2017	-	-	-	347.3	-	-	W	-	2,080.4	NA
Maine										
November 2018	-	-	W	38.1	-	-	-	W	W	-
October 2018	-	-	-	W	-	-	-	-	702.8	-
November 2017	-	-	W	45.3	-	-	-	W	W	-
Massachusetts										
November 2018	W	W	-	199.0	-	W	W	-	1,500.3	-
October 2018	W	W	-	189.0	-	W	W	-	1,423.9	-
November 2017	W	W	-	143.8	-	W	W	-	1,049.8	-
New Hampshire										
November 2018	W	W	W	W	-	W	W	W	W	-
October 2018	W	W	W	W	-	W	W	W	W	-
November 2017	W	W	W	W	-	W	W	W	W	-
Rhode Island										
November 2018	W	W	-	148.2	-	W	W	-	1,105.7	-
October 2018	W	W	-	W	-	W	W	-	1,104.6	-
November 2017	W	W	-	W	-	W	W	-	NA	W
Vermont										
November 2018	-	-	W	W	-	-	-	W	88.3	-
October 2018	-	-	W	W	-	-	-	W	W	-
November 2017	-	-	W	W	-	-	-	W	W	-
Subdistrict 1B										
November 2018	541.1	541.1	W	W	W	4,339.1	4,339.1	W	24,383.6	W
October 2018	515.9	515.9	W	W	W	4,187.4	4,187.4	W	24,735.0	W
November 2017	517.5	517.5	W	W	W	4,068.4	4,068.4	W	24,886.2	W
Delaware										
November 2018	W	W	-	112.7	-	W	W	-	1,137.7	-
October 2018	W	W	-	123.7	-	W	W	-	1,203.3	-
November 2017	W	W	-	113.9	-	W	W	-	1,132.8	-
District of Columbia										
November 2018	-	-	-	-	-	-	-	-	-	-
October 2018	-	-	-	-	-	-	-	-	-	-
November 2017	-	-	-	-	-	-	-	-	-	-
Maryland										
November 2018	-	-	-	612.9	-	-	-	-	4,444.5	-
October 2018	-	-	-	585.8	-	-	-	-	4,329.1	-
November 2017	-	-	-	640.8	-	-	-	W	W	-
New Jersey										
November 2018	W	W	W	W	-	W	W	W	W	1,111.6
October 2018	W	W	W	992.2	W	W	W	W	W	1,081.5
November 2017	W	W	W	929.7	W	W	W	W	7,317.2	W
New York										
November 2018	355.3	355.3	W	W	W	2,742.3	2,742.3	W	5,568.3	W
October 2018	333.0	333.0	W	816.3	W	2,563.1	2,563.1	W	5,795.2	W
November 2017	333.6	333.6	W	822.6	W	2,511.6	2,511.6	W	5,857.0	W
Pennsylvania										
November 2018	W	W	-	W	W	W	W	-	W	W
October 2018	W	W	-	W	W	W	W	-	W	W
November 2017	W	W	-	W	W	W	W	-	W	W

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C										
November 2018	W	W	-	W	W	W	W	-	422.7	-
October 2018	W	W	-	W	W	W	W	-	431.1	-
November 2017	W	W	-	W	W	W	W	-	458.5	-
Florida										
November 2018	W	W	-	13,563.2	-	W	W	-	131.9	-
October 2018	W	W	-	13,747.2	-	W	W	-	131.5	-
November 2017	W	W	-	13,355.9	-	W	W	-	114.0	-
Georgia										
November 2018	W	W	-	8,286.6	-	W	W	-	52.3	-
October 2018	W	W	-	8,402.4	-	W	W	-	57.0	-
November 2017	W	W	-	7,984.4	-	W	W	-	60.2	-
North Carolina										
November 2018	W	W	-	8,773.8	-	W	W	-	117.6	-
October 2018	W	W	-	8,717.1	-	W	W	-	118.1	-
November 2017	W	W	-	W	W	W	W	-	138.5	-
South Carolina										
November 2018	W	W	-	4,254.5	-	W	W	-	33.1	-
October 2018	W	W	-	4,310.9	-	W	W	-	35.4	-
November 2017	W	W	-	W	W	W	W	-	41.3	-
Virginia										
November 2018	-	-	-	W	W	-	-	-	79.7	-
October 2018	-	-	-	W	W	-	-	-	82.1	-
November 2017	W	W	-	W	W	W	W	-	96.3	-
West Virginia										
November 2018	W	W	-	W	W	W	W	-	8.0	-
October 2018	W	W	-	W	W	W	W	-	7.1	-
November 2017	W	W	-	637.9	-	W	W	-	8.3	-
PAD District 2										
November 2018	W	W	-	77,515.8	1,065.2	W	W	-	499.7	-
October 2018	W	W	-	78,314.1	1,267.2	312.1	319.5	-	500.6	-
November 2017	W	W	W	W	669.0	318.3	324.7	W	W	-
Illinois										
November 2018	W	W	-	W	W	W	W	-	68.2	-
October 2018	W	W	-	W	W	W	W	-	70.1	-
November 2017	W	W	-	W	W	W	W	-	78.7	-
Indiana										
November 2018	W	W	-	W	W	W	W	-	20.9	-
October 2018	W	W	-	W	W	W	W	-	21.0	-
November 2017	W	W	-	W	W	W	W	-	27.5	-
Iowa										
November 2018	-	W	-	2,527.6	-	-	-	-	52.5	-
October 2018	-	W	-	2,541.0	-	-	-	-	50.7	-
November 2017	-	W	-	2,714.6	-	-	-	-	63.2	-
Kansas										
November 2018	W	W	-	W	W	W	W	-	21.0	-
October 2018	W	W	-	W	W	W	W	-	17.0	-
November 2017	W	W	-	W	W	W	W	-	21.9	-
Kentucky										
November 2018	W	W	-	W	W	W	W	-	11.9	-
October 2018	W	W	-	W	W	W	W	-	13.1	-
November 2017	W	W	-	W	W	W	W	-	13.1	-
Michigan										
November 2018	W	W	-	9,970.6	-	W	W	-	14.1	-
October 2018	W	W	-	10,248.2	-	W	W	-	16.6	-
November 2017	W	W	-	9,650.1	-	W	W	-	12.5	-
Minnesota										
November 2018	702.7	704.7	-	5,302.3	-	37.0	40.8	-	74.8	-
October 2018	709.3	711.8	-	5,224.9	-	W	W	-	75.7	-
November 2017	W	W	W	4,718.4	W	W	W	W	W	-
Missouri										
November 2018	-	W	-	W	W	-	-	-	16.7	-
October 2018	-	W	-	W	W	-	-	-	17.8	-
November 2017	-	W	-	3,511.8	-	-	-	-	21.6	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C										
November 2018	W	W	-	W	W	W	W	-	W	W
October 2018	W	W	-	W	W	W	W	-	W	W
November 2017	W	W	-	5,332.7	-	W	W	-	W	W
Florida										
November 2018	W	W	-	1,901.9	-	W	W	-	15,597.1	-
October 2018	W	W	-	1,891.5	-	W	W	-	15,770.3	-
November 2017	W	W	-	1,922.6	-	W	W	-	15,392.5	-
Georgia										
November 2018	W	W	-	1,025.9	-	W	W	-	9,364.7	-
October 2018	W	W	-	1,031.5	-	W	W	-	9,490.9	-
November 2017	W	W	-	1,004.1	-	W	W	-	9,048.7	-
North Carolina										
November 2018	W	W	-	1,014.0	-	W	W	-	9,905.4	-
October 2018	W	W	-	1,004.1	-	W	W	-	9,839.3	-
November 2017	W	W	-	1,026.1	-	W	W	-	W	W
South Carolina										
November 2018	W	W	-	408.6	-	W	W	-	4,696.2	-
October 2018	W	W	-	415.0	-	W	W	-	4,761.4	-
November 2017	W	W	-	435.8	-	W	W	-	W	W
Virginia										
November 2018	-	-	-	913.0	-	-	-	-	W	W
October 2018	-	-	-	912.4	-	-	-	-	W	W
November 2017	W	W	-	912.7	-	W	W	-	W	W
West Virginia										
November 2018	W	W	-	W	W	W	W	-	W	W
October 2018	W	W	-	W	W	W	W	-	W	W
November 2017	W	W	-	31.3	-	W	W	-	677.4	-
PAD District 2										
November 2018	W	W	-	6,228.7	364.3	W	W	-	84,244.2	1,429.5
October 2018	W	433.9	-	6,418.2	476.7	W	W	-	85,232.9	1,743.9
November 2017	W	W	W	6,259.1	W	W	8,901.2	W	83,826.7	W
Illinois										
November 2018	W	W	-	W	W	W	W	-	12,026.9	67.0
October 2018	W	W	-	W	W	W	W	-	12,060.4	90.6
November 2017	W	W	-	1,138.0	-	W	W	-	W	W
Indiana										
November 2018	W	W	-	W	W	W	W	-	W	W
October 2018	W	W	-	405.0	-	W	W	-	W	W
November 2017	W	W	-	W	W	W	W	-	W	W
Iowa										
November 2018	-	-	-	228.0	-	-	W	-	2,808.0	-
October 2018	-	-	-	262.3	-	-	W	-	2,854.0	-
November 2017	-	-	-	311.5	-	-	W	-	3,089.3	-
Kansas										
November 2018	-	-	-	W	W	W	W	-	W	W
October 2018	-	-	-	W	W	W	W	-	W	W
November 2017	-	-	-	W	W	W	W	-	W	W
Kentucky										
November 2018	W	W	-	W	W	W	W	-	W	W
October 2018	W	W	-	221.0	-	W	W	-	W	W
November 2017	W	W	-	204.8	-	W	W	-	W	W
Michigan										
November 2018	W	W	-	W	W	W	W	-	W	W
October 2018	W	W	-	W	W	W	W	-	W	W
November 2017	W	W	-	W	W	W	W	-	W	W
Minnesota										
November 2018	58.9	59.0	-	W	W	798.6	804.4	-	W	W
October 2018	W	W	-	W	W	806.8	813.4	-	W	W
November 2017	W	W	W	W	56.1	W	W	W	5,171.0	W
Missouri										
November 2018	-	-	-	W	W	-	W	-	W	W
October 2018	-	-	-	W	W	-	W	-	W	W
November 2017	-	-	-	258.4	-	-	W	-	3,791.9	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)										
Nebraska										
November 2018	W	W	-	1,638.5	-	W	W	-	23.6	-
October 2018	W	W	-	1,561.4	-	W	W	-	14.5	-
November 2017	W	W	-	1,581.4	-	W	W	-	18.1	-
North Dakota										
November 2018	W	W	-	929.1	-	W	W	-	19.2	-
October 2018	W	W	-	950.1	-	W	W	-	18.5	-
November 2017	W	W	-	904.7	-	W	W	-	21.6	-
Ohio										
November 2018	W	W	-	10,120.4	-	W	W	-	36.0	-
October 2018	W	W	-	10,513.9	-	W	W	-	41.7	-
November 2017	W	W	-	9,886.4	-	W	W	-	46.1	-
Oklahoma										
November 2018	W	W	-	W	W	W	W	-	4.3	-
October 2018	W	W	-	W	W	W	W	-	5.6	-
November 2017	W	W	-	W	W	W	W	-	3.4	-
South Dakota										
November 2018	W	W	-	972.1	-	W	W	-	21.5	-
October 2018	W	W	-	996.3	-	W	W	-	19.0	-
November 2017	W	W	-	1,003.0	-	W	W	-	20.4	-
Tennessee										
November 2018	W	W	-	9,245.8	-	W	W	-	79.7	-
October 2018	W	W	-	9,345.0	-	W	W	-	80.7	-
November 2017	W	W	-	W	W	W	W	-	80.8	-
Wisconsin										
November 2018	W	W	-	5,310.8	-	W	W	-	35.3	-
October 2018	W	W	-	5,255.5	-	W	W	-	38.4	-
November 2017	W	W	W	W	-	W	W	W	W	-
PAD District 3										
November 2018	885.7	916.5	W	W	W	88.4	88.6	W	W	-
October 2018	911.1	944.3	W	49,444.6	W	87.5	87.7	W	W	-
November 2017	NA	921.0	W	W	W	90.0	90.0	W	W	-
Alabama										
November 2018	-	W	-	4,882.7	-	-	-	-	35.0	-
October 2018	-	W	-	4,949.0	-	-	-	-	42.9	-
November 2017	-	W	-	4,546.3	-	-	-	-	39.2	-
Arkansas										
November 2018	-	-	-	2,831.2	-	-	-	-	14.8	-
October 2018	-	-	-	2,910.5	-	-	-	-	14.1	-
November 2017	-	-	-	2,821.6	-	-	-	-	20.2	-
Louisiana										
November 2018	-	W	-	W	W	-	-	-	15.5	-
October 2018	-	W	-	W	W	-	-	-	16.5	-
November 2017	-	W	-	W	W	-	-	-	20.1	-
Mississippi										
November 2018	-	-	-	W	W	-	-	-	21.1	-
October 2018	-	-	-	W	W	-	-	-	21.2	-
November 2017	-	-	-	W	W	-	-	-	22.5	-
New Mexico										
November 2018	W	377.5	W	W	-	W	50.2	W	W	-
October 2018	W	393.2	W	W	-	W	50.5	W	W	-
November 2017	W	389.3	W	W	-	W	W	W	W	-
Texas										
November 2018	W	W	W	31,667.6	W	W	38.4	-	161.9	-
October 2018	W	W	W	31,245.9	W	W	37.2	-	145.7	-
November 2017	W	NA	W	30,427.4	W	W	W	-	197.7	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)										
Nebraska										
November 2018	-	-	-	168.2	-	W	W	-	1,830.3	-
October 2018	-	-	-	168.2	-	W	W	-	1,744.2	-
November 2017	-	-	-	167.2	-	W	W	-	1,766.7	-
North Dakota										
November 2018	W	W	-	87.1	-	W	W	-	1,035.4	-
October 2018	W	W	-	91.0	-	W	W	-	1,059.6	-
November 2017	W	W	-	91.1	-	W	W	-	1,017.4	-
Ohio										
November 2018	W	W	-	W	W	W	W	-	W	W
October 2018	W	W	-	W	W	W	W	-	W	W
November 2017	W	W	-	W	W	W	W	-	W	W
Oklahoma										
November 2018	W	W	-	W	W	W	W	-	4,265.9	952.0
October 2018	W	W	-	W	W	W	W	-	4,311.5	775.0
November 2017	W	W	-	W	W	W	W	-	4,441.2	693.0
South Dakota										
November 2018	W	W	-	88.0	-	W	W	-	1,081.6	-
October 2018	W	W	-	89.4	-	W	W	-	1,104.6	-
November 2017	W	W	-	78.7	-	W	W	-	1,102.1	-
Tennessee										
November 2018	W	W	-	825.8	-	W	W	-	10,151.3	-
October 2018	W	W	-	W	W	W	W	-	W	W
November 2017	W	W	-	901.0	-	W	W	-	W	W
Wisconsin										
November 2018	W	W	-	389.3	-	W	W	-	5,735.4	-
October 2018	W	W	-	412.1	-	W	W	-	5,705.9	-
November 2017	W	W	W	402.0	W	W	W	W	6,071.7	W
PAD District 3										
November 2018	82.4	88.2	W	5,341.0	W	1,056.5	1,093.3	W	55,075.6	W
October 2018	80.5	86.3	W	W	860.7	1,079.1	1,118.3	W	54,828.4	W
November 2017	87.5	93.9	W	5,249.5	W	1,057.0	1,104.9	W	53,415.6	W
Alabama										
November 2018	-	W	-	444.1	-	-	W	-	5,361.9	-
October 2018	-	W	-	449.7	-	-	W	-	5,441.7	-
November 2017	-	W	-	424.3	-	-	W	-	5,009.8	-
Arkansas										
November 2018	-	-	-	256.0	-	-	-	-	3,102.0	-
October 2018	-	-	-	230.8	-	-	-	-	3,155.5	-
November 2017	-	-	-	230.1	-	-	-	-	3,071.9	-
Louisiana										
November 2018	-	-	-	W	W	-	W	-	6,249.7	3,418.6
October 2018	-	-	-	W	W	-	W	-	6,409.2	3,719.7
November 2017	-	-	-	W	W	-	W	-	6,272.9	1,898.3
Mississippi										
November 2018	-	-	-	225.8	-	-	-	-	W	W
October 2018	-	-	-	225.6	-	-	-	-	W	W
November 2017	-	-	-	226.8	-	-	-	-	W	W
New Mexico										
November 2018	W	41.6	W	W	-	W	469.4	W	W	-
October 2018	W	41.3	W	W	-	W	485.0	W	W	-
November 2017	W	W	W	W	-	W	485.0	W	W	-
Texas										
November 2018	W	W	W	3,666.1	W	W	W	W	35,495.6	W
October 2018	W	W	W	3,473.9	W	W	W	W	34,865.5	W
November 2017	W	W	W	3,636.0	W	W	NA	W	34,261.2	W

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4										
November 2018	W	W	W	10,174.5	W	W	W	-	107.4	-
October 2018	W	W	W	W	W	68.9	70.1	-	115.6	-
November 2017	W	W	W	10,261.5	W	73.3	75.4	-	136.6	-
Colorado										
November 2018	W	149.7	W	W	W	40.4	41.3	-	41.9	-
October 2018	W	146.6	W	W	W	39.7	40.0	-	46.6	-
November 2017	W	147.6	W	W	W	41.5	42.4	-	57.5	-
Idaho										
November 2018	W	W	-	1,345.9	-	W	W	-	6.3	-
October 2018	W	W	-	1,438.2	-	W	W	-	6.5	-
November 2017	W	W	-	1,327.2	-	W	W	-	9.0	-
Montana										
November 2018	W	W	-	1,230.7	-	W	W	-	W	-
October 2018	W	W	-	1,248.8	-	W	W	-	W	-
November 2017	W	W	-	1,116.9	-	W	W	-	W	-
Utah										
November 2018	W	W	W	W	W	W	W	-	39.8	-
October 2018	W	W	W	W	-	W	W	-	45.6	-
November 2017	W	W	W	W	W	W	W	-	47.8	-
Wyoming										
November 2018	W	10.0	-	745.3	-	W	W	-	W	-
October 2018	W	10.5	-	883.1	-	W	W	-	W	-
November 2017	W	9.5	-	807.7	-	W	W	-	W	-
PAD District 5										
November 2018	4,126.5	4,186.3	15,279.9	27,608.0	2,708.1	609.0	609.7	201.4	266.7	-
October 2018	4,342.0	4,409.9	15,596.7	28,342.6	2,097.2	618.9	619.7	W	W	-
November 2017	3,955.5	4,024.3	15,542.4	28,755.8	1,781.0	596.8	601.2	242.9	315.1	-
Alaska										
November 2018	W	W	W	W	W	W	W	W	W	-
October 2018	W	W	W	W	W	W	W	W	W	-
November 2017	W	W	79.3	W	W	W	W	W	W	-
Arizona										
November 2018	W	W	W	4,190.3	W	W	W	W	W	-
October 2018	W	W	W	4,256.7	W	W	W	W	W	-
November 2017	W	W	W	4,310.1	W	W	W	W	W	-
California										
November 2018	2,969.7	2,970.7	11,447.1	13,488.1	1,631.3	520.7	520.9	129.3	165.2	-
October 2018	3,178.2	3,179.4	11,753.5	13,932.2	1,600.5	530.3	530.4	134.9	172.5	-
November 2017	2,829.2	2,830.9	W	14,629.7	W	505.1	505.3	149.6	200.1	-
Hawaii										
November 2018	W	W	W	W	W	W	W	W	W	-
October 2018	W	W	W	W	W	W	W	W	W	-
November 2017	W	W	W	W	W	W	W	W	W	-
Nevada										
November 2018	W	W	W	W	60.2	W	W	W	W	-
October 2018	W	W	W	1,482.5	W	W	W	W	W	-
November 2017	W	W	W	1,446.6	W	W	W	W	W	-
Oregon										
November 2018	93.9	93.9	744.1	W	W	6.0	6.0	W	W	-
October 2018	95.2	95.2	760.7	W	W	6.0	6.0	W	W	-
November 2017	93.2	93.2	785.4	W	W	6.1	6.1	W	W	-
Washington										
November 2018	334.2	339.1	W	4,855.5	W	28.9	29.1	13.8	34.4	-
October 2018	334.3	341.4	W	4,950.7	W	29.3	29.5	W	W	-
November 2017	314.6	325.5	W	4,828.7	W	30.7	31.0	W	W	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4										
November 2018	W	W	W	2,187.0	W	W	W	W	12,468.9	W
October 2018	W	63.5	W	W	W	W	W	W	12,959.5	W
November 2017	W	W	W	2,180.8	W	W	496.4	W	12,578.9	W
Colorado										
November 2018	W	29.8	W	W	-	216.0	220.8	W	5,326.5	W
October 2018	W	29.8	W	W	-	211.4	216.4	W	5,319.5	W
November 2017	W	31.5	W	W	-	216.2	221.6	W	5,430.1	W
Idaho										
November 2018	W	W	-	222.4	-	W	W	-	1,574.7	-
October 2018	W	W	-	243.4	-	W	W	-	1,688.1	-
November 2017	W	W	-	225.7	-	W	W	-	1,562.0	-
Montana										
November 2018	W	W	-	W	-	W	W	-	1,454.2	-
October 2018	W	W	-	W	-	W	W	-	1,477.8	-
November 2017	W	W	-	W	-	W	W	-	1,369.4	-
Utah										
November 2018	W	W	W	W	W	W	W	W	3,240.2	W
October 2018	W	W	W	W	W	W	W	W	3,442.3	W
November 2017	W	W	W	W	W	W	W	W	3,253.8	W
Wyoming										
November 2018	W	W	-	W	-	W	12.3	-	873.4	-
October 2018	W	W	-	W	-	W	13.0	-	1,031.8	-
November 2017	W	W	-	W	-	W	11.9	-	963.6	-
PAD District 5										
November 2018	1,004.9	1,010.6	4,296.2	5,776.3	388.7	5,740.5	5,806.7	19,777.4	33,651.0	3,096.8
October 2018	1,031.1	1,037.0	4,293.7	W	W	5,992.1	6,066.7	W	34,316.3	W
November 2017	1,023.8	1,029.8	4,254.1	5,857.3	356.9	5,576.1	5,655.4	20,039.4	34,928.2	2,137.8
Alaska										
November 2018	W	W	W	W	-	W	W	W	W	W
October 2018	W	W	W	29.1	W	W	W	W	W	W
November 2017	W	W	W	W	W	W	W	96.3	W	W
Arizona										
November 2018	W	W	162.7	W	W	W	W	W	4,851.7	W
October 2018	W	W	150.6	W	W	W	W	W	4,840.6	W
November 2017	W	W	163.7	W	W	W	W	W	4,901.2	W
California										
November 2018	843.1	843.1	3,489.0	3,447.5	298.3	4,333.6	4,334.7	15,065.4	17,100.9	1,929.5
October 2018	865.1	865.1	3,489.4	3,412.7	352.4	4,573.5	4,574.9	15,377.8	17,517.4	1,952.9
November 2017	847.2	847.2	W	3,628.2	W	4,181.6	4,183.4	15,229.5	18,458.0	1,497.2
Hawaii										
November 2018	W	W	W	W	W	W	W	W	W	W
October 2018	W	W	W	W	W	W	W	W	W	W
November 2017	W	W	W	W	W	W	W	W	W	W
Nevada										
November 2018	W	W	W	342.1	W	W	W	W	1,760.8	W
October 2018	W	W	W	W	-	W	W	W	1,825.8	W
November 2017	W	W	W	W	W	W	W	W	1,801.1	W
Oregon										
November 2018	13.8	13.8	122.3	370.6	-	113.7	113.7	W	3,432.0	W
October 2018	13.8	13.8	124.5	372.3	-	115.0	115.0	W	3,455.4	W
November 2017	13.8	13.8	125.2	370.3	-	113.1	113.1	W	3,392.7	W
Washington										
November 2018	42.9	43.1	W	888.9	W	406.1	411.4	1,208.3	5,778.8	150.9
October 2018	44.1	44.3	227.8	W	W	407.7	415.2	W	5,911.4	W
November 2017	46.5	46.9	230.6	W	W	391.8	403.3	W	5,753.4	W

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report."

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state
thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States					
November 2018	15,058.8	15,372.9	4,232.0	186,811.8	13,915.7
October 2018	14,882.3	15,220.8	4,274.1	188,861.1	15,130.6
November 2017	14,968.5	15,238.0	4,377.0	184,723.0	17,286.3
PAD District 1					
November 2018	W	W	W	50,088.6	W
October 2018	W	W	W	50,558.9	W
November 2017	W	W	W	49,825.3	W
Subdistrict 1A					
November 2018	-	-	W	W	-
October 2018	-	-	W	W	-
November 2017	-	-	W	W	-
Connecticut					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
Maine					
November 2018	-	-	W	W	-
October 2018	-	-	-	W	-
November 2017	-	-	W	W	-
Massachusetts					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
New Hampshire					
November 2018	-	-	W	-	-
October 2018	-	-	W	-	-
November 2017	-	-	W	W	-
Rhode Island					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
Vermont					
November 2018	-	-	W	88.3	-
October 2018	-	-	W	W	-
November 2017	-	-	W	W	-
Subdistrict 1B					
November 2018	W	W	W	6,074.5	W
October 2018	W	W	W	6,177.5	W
November 2017	W	W	W	W	W
Delaware					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
District of Columbia					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
Maryland					
November 2018	-	-	-	379.3	-
October 2018	-	-	-	392.2	-
November 2017	-	-	-	W	-
New Jersey					
November 2018	-	-	-	-	W
October 2018	-	-	-	-	W
November 2017	-	-	-	-	W
New York					
November 2018	W	W	W	W	W
October 2018	W	W	W	W	W
November 2017	W	W	W	W	W
Pennsylvania					
November 2018	W	W	-	W	W
October 2018	W	W	-	W	-
November 2017	W	W	-	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States					
November 2018	9,241.2	9,267.4	17,306.4	77,093.0	2,586.6
October 2018	9,466.3	9,491.4	17,611.8	77,547.5	2,742.1
November 2017	9,012.3	9,038.3	17,498.2	77,321.2	3,567.8
PAD District 1					
November 2018	W	W	W	28,376.5	W
October 2018	W	W	W	28,512.7	W
November 2017	W	W	W	27,469.4	W
Subdistrict 1A					
November 2018	W	W	W	5,693.8	W
October 2018	W	W	W	5,542.1	W
November 2017	W	W	-	W	W
Connecticut					
November 2018	-	W	W	2,752.4	W
October 2018	-	W	W	2,675.5	W
November 2017	-	W	-	2,080.4	NA
Maine					
November 2018	-	-	-	W	-
October 2018	-	-	-	W	-
November 2017	-	-	-	W	-
Massachusetts					
November 2018	W	W	-	1,500.3	-
October 2018	W	W	-	1,423.9	-
November 2017	W	W	-	1,049.8	-
New Hampshire					
November 2018	W	W	-	W	-
October 2018	W	W	-	W	-
November 2017	W	W	-	-	-
Rhode Island					
November 2018	W	W	-	W	-
October 2018	W	W	-	W	-
November 2017	W	W	-	W	W
Vermont					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
Subdistrict 1B					
November 2018	W	W	W	18,309.1	W
October 2018	W	W	W	18,557.5	W
November 2017	W	W	W	W	W
Delaware					
November 2018	W	W	-	1,137.7	-
October 2018	W	W	-	1,203.3	-
November 2017	W	W	-	1,132.8	-
District of Columbia					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
Maryland					
November 2018	-	-	-	4,065.2	-
October 2018	-	-	-	3,936.9	-
November 2017	-	-	W	W	-
New Jersey					
November 2018	W	W	W	W	W
October 2018	W	W	W	W	W
November 2017	W	W	W	7,317.2	W
New York					
November 2018	W	W	W	W	W
October 2018	W	W	W	W	W
November 2017	W	W	W	W	-
Pennsylvania					
November 2018	W	W	-	W	W
October 2018	W	W	-	W	W
November 2017	W	W	-	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States					
November 2018	24,300.0	24,640.4	21,538.5	263,904.8	16,502.2
October 2018	24,348.6	24,712.2	21,885.8	266,408.6	17,872.7
November 2017	23,980.9	24,276.3	21,875.2	262,044.1	20,854.1
PAD District 1					
November 2018	7,945.6	8,049.8	W	78,465.1	W
October 2018	7,918.3	8,027.8	W	79,071.5	W
November 2017	8,066.2	8,118.5	W	77,294.7	W
Subdistrict 1A					
November 2018	W	W	W	W	W
October 2018	W	W	W	W	W
November 2017	W	W	W	W	W
Connecticut					
November 2018	-	W	W	2,752.4	W
October 2018	-	W	W	2,675.5	W
November 2017	-	W	-	2,080.4	NA
Maine					
November 2018	-	-	W	W	-
October 2018	-	-	-	702.8	-
November 2017	-	-	W	W	-
Massachusetts					
November 2018	W	W	-	1,500.3	-
October 2018	W	W	-	1,423.9	-
November 2017	W	W	-	1,049.8	-
New Hampshire					
November 2018	W	W	W	W	-
October 2018	W	W	W	W	-
November 2017	W	W	W	W	-
Rhode Island					
November 2018	W	W	-	1,105.7	-
October 2018	W	W	-	1,104.6	-
November 2017	W	W	-	NA	W
Vermont					
November 2018	-	-	W	88.3	-
October 2018	-	-	W	W	-
November 2017	-	-	W	W	-
Subdistrict 1B					
November 2018	4,339.1	4,339.1	W	24,383.6	W
October 2018	4,187.4	4,187.4	W	24,735.0	W
November 2017	4,068.4	4,068.4	W	24,886.2	W
Delaware					
November 2018	W	W	-	1,137.7	-
October 2018	W	W	-	1,203.3	-
November 2017	W	W	-	1,132.8	-
District of Columbia					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
Maryland					
November 2018	-	-	-	4,444.5	-
October 2018	-	-	-	4,329.1	-
November 2017	-	-	W	W	-
New Jersey					
November 2018	W	W	W	W	1,111.6
October 2018	W	W	W	W	1,081.5
November 2017	W	W	W	7,317.2	W
New York					
November 2018	2,742.3	2,742.3	W	5,568.3	W
October 2018	2,563.1	2,563.1	W	5,795.2	W
November 2017	2,511.6	2,511.6	W	5,857.0	W
Pennsylvania					
November 2018	W	W	-	W	W
October 2018	W	W	-	W	W
November 2017	W	W	-	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C					
November 2018	W	W	-	W	W
October 2018	W	W	-	W	W
November 2017	W	W	-	W	W
Florida					
November 2018	W	W	-	15,597.1	-
October 2018	W	W	-	15,770.3	-
November 2017	W	W	-	15,392.5	-
Georgia					
November 2018	W	W	-	9,364.7	-
October 2018	W	W	-	9,490.9	-
November 2017	W	W	-	9,048.7	-
North Carolina					
November 2018	W	W	-	9,905.4	-
October 2018	W	W	-	9,839.3	-
November 2017	W	W	-	W	W
South Carolina					
November 2018	W	W	-	4,696.2	-
October 2018	W	W	-	4,761.4	-
November 2017	W	W	-	W	W
Virginia					
November 2018	-	-	-	W	W
October 2018	-	-	-	W	W
November 2017	W	W	-	W	W
West Virginia					
November 2018	W	W	-	W	W
October 2018	W	W	-	W	W
November 2017	W	W	-	677.4	-
PAD District 2					
November 2018	W	W	-	W	W
October 2018	W	7,438.1	-	W	W
November 2017	W	W	W	W	1,300.3
Illinois					
November 2018	W	W	-	W	W
October 2018	W	W	-	W	W
November 2017	W	W	-	3,905.1	-
Indiana					
November 2018	W	W	-	W	W
October 2018	W	W	-	W	W
November 2017	W	W	-	W	W
Iowa					
November 2018	-	W	-	2,808.0	-
October 2018	-	W	-	2,854.0	-
November 2017	-	W	-	3,089.3	-
Kansas					
November 2018	W	W	-	W	W
October 2018	W	W	-	W	W
November 2017	W	W	-	W	W
Kentucky					
November 2018	W	W	-	W	W
October 2018	W	W	-	W	W
November 2017	W	W	-	W	W
Michigan					
November 2018	W	W	-	W	W
October 2018	W	W	-	W	W
November 2017	W	W	-	W	W
Minnesota					
November 2018	798.6	804.4	-	W	W
October 2018	806.8	813.4	-	W	W
November 2017	W	W	W	5,171.0	W
Missouri					
November 2018	-	W	-	2,758.0	-
October 2018	-	W	-	2,980.5	-
November 2017	-	W	-	2,905.8	-

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C					
November 2018	-	-	-	4,373.7	-
October 2018	-	-	-	4,413.0	-
November 2017	-	-	-	4,465.9	-
Florida					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
Georgia					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
North Carolina					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
South Carolina					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
Virginia					
November 2018	-	-	-	4,373.7	-
October 2018	-	-	-	4,413.0	-
November 2017	-	-	-	4,465.9	-
West Virginia					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
PAD District 2					
November 2018	W	W	-	W	W
October 2018	W	W	-	W	W
November 2017	W	W	-	W	W
Illinois					
November 2018	W	W	-	W	W
October 2018	W	W	-	W	W
November 2017	W	W	-	W	W
Indiana					
November 2018	W	W	-	936.3	-
October 2018	W	W	-	932.9	-
November 2017	W	W	-	934.2	-
Iowa					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
Kansas					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
Kentucky					
November 2018	W	W	-	633.8	-
October 2018	W	W	-	635.1	-
November 2017	W	W	-	787.4	-
Michigan					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
Minnesota					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
Missouri					
November 2018	-	-	-	W	W
October 2018	-	-	-	W	W
November 2017	-	-	-	886.1	-

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C					
November 2018	W	W	-	W	W
October 2018	W	W	-	W	W
November 2017	W	W	-	W	W
Florida					
November 2018	W	W	-	15,597.1	-
October 2018	W	W	-	15,770.3	-
November 2017	W	W	-	15,392.5	-
Georgia					
November 2018	W	W	-	9,364.7	-
October 2018	W	W	-	9,490.9	-
November 2017	W	W	-	9,048.7	-
North Carolina					
November 2018	W	W	-	9,905.4	-
October 2018	W	W	-	9,839.3	-
November 2017	W	W	-	W	W
South Carolina					
November 2018	W	W	-	4,696.2	-
October 2018	W	W	-	4,761.4	-
November 2017	W	W	-	W	W
Virginia					
November 2018	-	-	-	W	W
October 2018	-	-	-	W	W
November 2017	W	W	-	W	W
West Virginia					
November 2018	W	W	-	W	W
October 2018	W	W	-	W	W
November 2017	W	W	-	677.4	-
PAD District 2					
November 2018	W	W	-	84,244.2	1,429.5
October 2018	W	W	-	85,232.9	1,743.9
November 2017	W	8,901.2	W	83,826.7	W
Illinois					
November 2018	W	W	-	12,026.9	67.0
October 2018	W	W	-	12,060.4	90.6
November 2017	W	W	-	W	W
Indiana					
November 2018	W	W	-	W	W
October 2018	W	W	-	W	W
November 2017	W	W	-	W	W
Iowa					
November 2018	-	W	-	2,808.0	-
October 2018	-	W	-	2,854.0	-
November 2017	-	W	-	3,089.3	-
Kansas					
November 2018	W	W	-	W	W
October 2018	W	W	-	W	W
November 2017	W	W	-	W	W
Kentucky					
November 2018	W	W	-	W	W
October 2018	W	W	-	W	W
November 2017	W	W	-	W	W
Michigan					
November 2018	W	W	-	W	W
October 2018	W	W	-	W	W
November 2017	W	W	-	W	W
Minnesota					
November 2018	798.6	804.4	-	W	W
October 2018	806.8	813.4	-	W	W
November 2017	W	W	W	5,171.0	W
Missouri					
November 2018	-	W	-	W	W
October 2018	-	W	-	W	W
November 2017	-	W	-	3,791.9	-

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)					
Nebraska					
November 2018	W	W	-	1,830.3	-
October 2018	W	W	-	1,744.2	-
November 2017	W	W	-	1,766.7	-
North Dakota					
November 2018	W	W	-	1,035.4	-
October 2018	W	W	-	1,059.6	-
November 2017	W	W	-	1,017.4	-
Ohio					
November 2018	W	W	-	W	W
October 2018	W	W	-	W	W
November 2017	W	W	-	W	W
Oklahoma					
November 2018	W	W	-	4,265.9	952.0
October 2018	W	W	-	4,311.5	775.0
November 2017	W	W	-	4,441.2	693.0
South Dakota					
November 2018	W	W	-	1,081.6	-
October 2018	W	W	-	1,104.6	-
November 2017	W	W	-	1,102.1	-
Tennessee					
November 2018	W	W	-	10,151.3	-
October 2018	W	W	-	W	W
November 2017	W	W	-	W	W
Wisconsin					
November 2018	W	W	-	4,065.2	-
October 2018	W	51.3	-	4,123.3	-
November 2017	W	55.4	W	4,450.5	W
PAD District 3					
November 2018	1,056.5	1,093.3	W	39,009.8	W
October 2018	1,079.1	1,118.3	W	W	W
November 2017	1,057.0	1,104.9	W	W	W
Alabama					
November 2018	-	W	-	5,361.9	-
October 2018	-	W	-	5,441.7	-
November 2017	-	W	-	5,009.8	-
Arkansas					
November 2018	-	-	-	3,102.0	-
October 2018	-	-	-	3,155.5	-
November 2017	-	-	-	3,071.9	-
Louisiana					
November 2018	-	W	-	6,249.7	3,418.6
October 2018	-	W	-	6,409.2	3,719.7
November 2017	-	W	-	6,272.9	1,898.3
Mississippi					
November 2018	-	-	-	W	W
October 2018	-	-	-	W	W
November 2017	-	-	-	W	W
New Mexico					
November 2018	W	469.4	W	W	-
October 2018	W	485.0	W	W	-
November 2017	W	485.0	W	W	-
Texas					
November 2018	W	W	W	W	W
October 2018	W	W	W	W	W
November 2017	W	NA	W	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)					
Nebraska					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
North Dakota					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
Ohio					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
Oklahoma					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
South Dakota					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
Tennessee					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
Wisconsin					
November 2018	W	W	-	1,670.2	-
October 2018	W	W	-	1,582.6	-
November 2017	W	W	-	1,621.2	-
PAD District 3					
November 2018	-	-	-	16,065.9	-
October 2018	-	-	-	W	W
November 2017	-	-	-	W	W
Alabama					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
Arkansas					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
Louisiana					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
Mississippi					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
New Mexico					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
Texas					
November 2018	-	-	-	W	-
October 2018	-	-	-	W	W
November 2017	-	-	-	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)					
Nebraska					
November 2018	W	W	-	1,830.3	-
October 2018	W	W	-	1,744.2	-
November 2017	W	W	-	1,766.7	-
North Dakota					
November 2018	W	W	-	1,035.4	-
October 2018	W	W	-	1,059.6	-
November 2017	W	W	-	1,017.4	-
Ohio					
November 2018	W	W	-	W	W
October 2018	W	W	-	W	W
November 2017	W	W	-	W	W
Oklahoma					
November 2018	W	W	-	4,265.9	952.0
October 2018	W	W	-	4,311.5	775.0
November 2017	W	W	-	4,441.2	693.0
South Dakota					
November 2018	W	W	-	1,081.6	-
October 2018	W	W	-	1,104.6	-
November 2017	W	W	-	1,102.1	-
Tennessee					
November 2018	W	W	-	10,151.3	-
October 2018	W	W	-	W	W
November 2017	W	W	-	W	W
Wisconsin					
November 2018	W	W	-	5,735.4	-
October 2018	W	W	-	5,705.9	-
November 2017	W	W	W	6,071.7	W
PAD District 3					
November 2018	1,056.5	1,093.3	W	55,075.6	W
October 2018	1,079.1	1,118.3	W	54,828.4	W
November 2017	1,057.0	1,104.9	W	53,415.6	W
Alabama					
November 2018	-	W	-	5,361.9	-
October 2018	-	W	-	5,441.7	-
November 2017	-	W	-	5,009.8	-
Arkansas					
November 2018	-	-	-	3,102.0	-
October 2018	-	-	-	3,155.5	-
November 2017	-	-	-	3,071.9	-
Louisiana					
November 2018	-	W	-	6,249.7	3,418.6
October 2018	-	W	-	6,409.2	3,719.7
November 2017	-	W	-	6,272.9	1,898.3
Mississippi					
November 2018	-	-	-	W	W
October 2018	-	-	-	W	W
November 2017	-	-	-	W	W
New Mexico					
November 2018	W	469.4	W	W	-
October 2018	W	485.0	W	W	-
November 2017	W	485.0	W	W	-
Texas					
November 2018	W	W	W	35,495.6	W
October 2018	W	W	W	34,865.5	W
November 2017	W	NA	W	34,261.2	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4					
November 2018	W	W	W	12,468.9	W
October 2018	W	W	W	12,959.5	W
November 2017	W	496.4	W	12,578.9	W
Colorado					
November 2018	216.0	220.8	W	5,326.5	W
October 2018	211.4	216.4	W	5,319.5	W
November 2017	216.2	221.6	W	5,430.1	W
Idaho					
November 2018	W	W	-	1,574.7	-
October 2018	W	W	-	1,688.1	-
November 2017	W	W	-	1,562.0	-
Montana					
November 2018	W	W	-	1,454.2	-
October 2018	W	W	-	1,477.8	-
November 2017	W	W	-	1,369.4	-
Utah					
November 2018	W	W	W	3,240.2	W
October 2018	W	W	W	3,442.3	W
November 2017	W	W	W	3,253.8	W
Wyoming					
November 2018	W	12.3	-	873.4	-
October 2018	W	13.0	-	1,031.8	-
November 2017	W	11.9	-	963.6	-
PAD District 5					
November 2018	1,406.9	1,471.0	W	W	W
October 2018	1,418.5	W	W	13,843.3	W
November 2017	1,394.5	1,469.9	W	13,565.3	W
Alaska					
November 2018	W	W	W	W	W
October 2018	W	W	W	W	W
November 2017	W	W	96.3	W	W
Arizona					
November 2018	W	W	W	W	-
October 2018	W	W	286.5	W	-
November 2017	W	W	267.2	W	-
California					
November 2018	-	-	-	-	W
October 2018	-	-	-	-	W
November 2017	-	-	-	-	W
Hawaii					
November 2018	W	W	W	W	W
October 2018	W	W	W	W	W
November 2017	W	W	W	W	W
Nevada					
November 2018	W	W	W	1,760.8	W
October 2018	W	W	W	1,825.8	W
November 2017	W	W	W	1,801.1	W
Oregon					
November 2018	113.7	113.7	W	3,432.0	W
October 2018	115.0	115.0	W	3,455.4	W
November 2017	113.1	113.1	W	3,392.7	W
Washington					
November 2018	406.1	411.4	1,208.3	5,778.8	150.9
October 2018	407.7	415.2	W	5,911.4	W
November 2017	391.8	403.3	W	5,753.4	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
Colorado					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
Idaho					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
Montana					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
Utah					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
Wyoming					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
PAD District 5					
November 2018	4,333.6	4,335.6	W	W	W
October 2018	4,573.5	W	W	20,473.0	W
November 2017	4,181.6	4,185.5	W	21,362.9	W
Alaska					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
Arizona					
November 2018	-	W	W	W	W
October 2018	-	W	W	W	W
November 2017	-	W	W	W	W
California					
November 2018	4,333.6	W	15,065.4	17,100.9	W
October 2018	4,573.5	4,574.9	15,377.8	W	W
November 2017	4,181.6	W	15,229.5	W	W
Hawaii					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
Nevada					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
Oregon					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-
Washington					
November 2018	-	-	-	-	-
October 2018	-	-	-	-	-
November 2017	-	-	-	-	-

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4					
November 2018	W	W	W	12,468.9	W
October 2018	W	W	W	12,959.5	W
November 2017	W	496.4	W	12,578.9	W
Colorado					
November 2018	216.0	220.8	W	5,326.5	W
October 2018	211.4	216.4	W	5,319.5	W
November 2017	216.2	221.6	W	5,430.1	W
Idaho					
November 2018	W	W	-	1,574.7	-
October 2018	W	W	-	1,688.1	-
November 2017	W	W	-	1,562.0	-
Montana					
November 2018	W	W	-	1,454.2	-
October 2018	W	W	-	1,477.8	-
November 2017	W	W	-	1,369.4	-
Utah					
November 2018	W	W	W	3,240.2	W
October 2018	W	W	W	3,442.3	W
November 2017	W	W	W	3,253.8	W
Wyoming					
November 2018	W	12.3	-	873.4	-
October 2018	W	13.0	-	1,031.8	-
November 2017	W	11.9	-	963.6	-
PAD District 5					
November 2018	5,740.5	5,806.7	19,777.4	33,651.0	3,096.8
October 2018	5,992.1	6,066.7	W	34,316.3	W
November 2017	5,576.1	5,655.4	20,039.4	34,928.2	2,137.8
Alaska					
November 2018	W	W	W	W	W
October 2018	W	W	W	W	W
November 2017	W	W	96.3	W	W
Arizona					
November 2018	W	W	W	4,851.7	W
October 2018	W	W	W	4,840.6	W
November 2017	W	W	W	4,901.2	W
California					
November 2018	4,333.6	4,334.7	15,065.4	17,100.9	1,929.5
October 2018	4,573.5	4,574.9	15,377.8	17,517.4	1,952.9
November 2017	4,181.6	4,183.4	15,229.5	18,458.0	1,497.2
Hawaii					
November 2018	W	W	W	W	W
October 2018	W	W	W	W	W
November 2017	W	W	W	W	W
Nevada					
November 2018	W	W	W	1,760.8	W
October 2018	W	W	W	1,825.8	W
November 2017	W	W	W	1,801.1	W
Oregon					
November 2018	113.7	113.7	W	3,432.0	W
October 2018	115.0	115.0	W	3,455.4	W
November 2017	113.1	113.1	W	3,392.7	W
Washington					
November 2018	406.1	411.4	1,208.3	5,778.8	150.9
October 2018	407.7	415.2	W	5,911.4	W
November 2017	391.8	403.3	W	5,753.4	W

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report."

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States										
November 2018	W	347.2	31,002.5	38,061.0	W	1,449.1	95.3	2,677.2	3,780.2	35,578.9
October 2018	W	532.3	32,140.0	37,875.6	W	1,007.5	77.8	1,245.8	4,184.8	28,478.0
November 2017	W	410.3	30,443.9	38,515.4	W	1,289.9	104.7	2,275.2	4,377.8	36,702.5
PAD District 1										
November 2018	W	122.8	5,412.6	6,474.5	W	303.7	-	W	W	6,984.8
October 2018	W	127.0	5,960.3	5,907.1	W	461.1	-	W	W	5,115.1
November 2017	W	132.5	4,363.1	8,029.3	W	378.4	-	W	W	7,370.7
Subdistrict 1A										
November 2018	W	W	212.8	721.9	W	W	-	W	W	1,379.7
October 2018	-	W	225.6	824.6	W	-	-	-	W	865.9
November 2017	W	W	236.5	715.9	W	W	-	W	W	1,386.4
Connecticut										
November 2018	-	-	W	W	-	W	-	-	-	152.9
October 2018	-	-	W	W	-	-	-	-	-	96.9
November 2017	-	-	W	W	-	W	-	-	-	144.6
Maine										
November 2018	W	W	W	W	-	-	-	-	W	436.8
October 2018	-	W	W	W	-	-	-	-	W	264.3
November 2017	-	W	W	W	-	-	-	-	W	459.0
Massachusetts										
November 2018	-	-	W	672.5	W	-	-	-	-	175.7
October 2018	-	-	W	773.3	W	-	-	-	-	114.6
November 2017	-	-	W	677.7	W	-	-	-	-	159.4
New Hampshire										
November 2018	-	-	W	W	W	-	-	W	-	W
October 2018	-	-	W	W	W	-	-	-	-	102.3
November 2017	-	-	W	W	W	-	-	W	-	141.5
Rhode Island										
November 2018	-	-	W	W	W	-	-	-	-	W
October 2018	-	-	W	W	W	-	-	-	-	W
November 2017	-	-	W	W	W	-	-	-	-	W
Vermont										
November 2018	-	-	W	W	-	-	-	-	-	380.8
October 2018	-	-	W	W	-	-	-	-	W	W
November 2017	W	-	W	W	-	-	-	-	-	W
Subdistrict 1B										
November 2018	-	W	2,513.8	4,037.4	W	205.0	-	W	-	2,599.4
October 2018	W	W	2,653.4	3,379.5	4.6	396.5	-	W	-	1,977.2
November 2017	-	W	1,824.7	5,538.1	9.7	233.1	-	W	-	2,768.8
Delaware										
November 2018	-	-	-	-	W	-	-	-	-	186.6
October 2018	-	-	-	W	W	W	-	-	-	135.7
November 2017	-	-	-	-	W	W	-	-	-	W
District of Columbia										
November 2018	-	-	-	-	-	-	-	-	-	-
October 2018	-	-	-	-	-	-	-	-	-	-
November 2017	-	-	-	-	-	-	-	-	-	-
Maryland										
November 2018	-	-	W	58.7	-	W	-	-	-	50.6
October 2018	-	-	W	W	-	W	-	-	-	44.0
November 2017	-	-	W	72.1	-	W	-	-	-	W
New Jersey										
November 2018	-	-	1,002.6	3,396.0	W	W	-	-	-	302.0
October 2018	-	-	1,092.5	2,939.9	W	299.1	-	-	-	248.8
November 2017	-	W	681.0	3,387.0	W	W	-	W	-	375.8
New York										
November 2018	-	W	1,205.9	71.2	W	W	-	W	-	708.4
October 2018	-	W	1,275.6	72.7	W	32.2	-	W	-	405.6
November 2017	-	W	824.7	76.2	W	W	-	W	-	713.8
Pennsylvania										
November 2018	-	W	W	511.5	W	W	-	W	-	1,351.9
October 2018	W	W	W	298.8	1.6	W	-	W	-	1,143.1
November 2017	-	W	W	2,002.8	3.7	7.0	-	W	-	1,356.8

See footnotes at end of table.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C										
November 2018	W	91.4	2,686.1	1,715.2	W	W	-	W	-	3,005.7
October 2018	W	97.6	3,081.3	1,703.0	W	64.6	-	W	-	2,272.1
November 2017	W	98.2	2,301.9	1,775.3	W	W	-	W	-	3,215.5
Florida										
November 2018	-	67.2	1,723.3	1,338.0	W	-	-	-	-	312.0
October 2018	-	64.7	2,103.9	1,168.5	W	-	-	-	-	483.0
November 2017	-	75.5	W	1,422.7	W	W	-	-	-	396.9
Georgia										
November 2018	W	W	W	W	-	W	-	W	-	623.0
October 2018	W	W	W	92.6	-	W	-	W	-	483.0
November 2017	W	W	W	95.7	-	W	-	W	-	544.1
North Carolina										
November 2018	-	W	W	142.3	W	W	-	-	-	929.5
October 2018	-	W	W	266.5	W	W	-	-	-	677.6
November 2017	-	W	W	W	W	121.8	-	-	-	929.2
South Carolina										
November 2018	-	-	W	73.6	W	W	-	-	-	781.8
October 2018	-	-	W	76.4	W	W	-	-	-	517.8
November 2017	-	-	W	72.8	W	17.7	-	-	-	661.4
Virginia										
November 2018	-	W	456.9	W	-	W	-	-	-	W
October 2018	-	W	473.2	W	-	W	-	-	-	100.3
November 2017	-	W	317.0	W	-	W	-	-	-	246.4
West Virginia										
November 2018	-	-	W	W	W	-	-	-	-	W
October 2018	-	-	W	W	W	-	-	-	-	185.6
November 2017	-	-	W	W	W	-	-	-	-	437.5
PAD District 2										
November 2018	W	66.6	6,245.4	4,892.5	W	W	14.8	1,998.1	W	12,973.4
October 2018	W	W	6,543.5	5,037.5	W	W	7.2	726.5	W	11,846.0
November 2017	W	102.6	6,085.3	4,970.9	W	W	12.2	1,646.5	W	14,370.9
Illinois										
November 2018	W	W	1,532.0	W	W	W	W	80.9	W	1,971.1
October 2018	W	W	1,568.7	W	W	W	W	12.5	W	1,551.5
November 2017	-	W	1,294.2	W	W	W	W	24.6	W	2,000.0
Indiana										
November 2018	-	-	933.4	255.9	W	21.6	-	W	-	315.1
October 2018	-	-	995.6	238.8	W	10.6	-	W	-	200.2
November 2017	-	-	847.8	328.3	W	17.8	-	W	-	379.5
Iowa										
November 2018	-	-	W	78.7	-	W	-	215.4	W	1,036.6
October 2018	-	-	W	83.1	-	-	-	36.3	W	1,133.0
November 2017	-	-	8.9	68.9	-	-	-	199.3	W	1,305.3
Kansas										
November 2018	W	W	W	W	-	W	W	190.2	-	2,777.5
October 2018	W	W	W	W	-	W	W	64.9	-	3,210.1
November 2017	W	W	NA	W	-	W	W	146.6	-	3,662.1
Kentucky										
November 2018	-	W	1,001.0	W	W	W	W	W	-	689.1
October 2018	-	W	1,118.1	W	W	W	W	W	W	631.2
November 2017	-	W	1,072.4	519.7	W	W	-	W	W	675.2
Michigan										
November 2018	W	-	W	628.3	W	W	W	18.8	W	877.8
October 2018	W	-	W	432.0	W	W	W	W	W	563.6
November 2017	-	-	152.3	403.1	W	W	W	23.2	W	884.6
Minnesota										
November 2018	W	W	177.6	W	W	W	W	448.5	W	1,000.3
October 2018	W	W	161.6	W	W	W	W	143.7	W	1,046.2
November 2017	W	W	W	W	W	W	W	337.0	W	1,374.2
Missouri										
November 2018	W	-	W	W	-	-	W	20.2	W	490.5
October 2018	W	W	W	W	-	W	W	4.6	-	385.6
November 2017	W	-	W	W	-	W	-	9.4	-	393.5

See footnotes at end of table.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)										
Nebraska										
November 2018	W	-	W	W	-	-	W	145.8	-	295.1
October 2018	W	-	W	W	-	-	W	47.8	-	289.2
November 2017	W	-	W	W	-	-	W	130.4	-	249.3
North Dakota										
November 2018	-	-	W	W	W	-	W	411.9	W	850.4
October 2018	-	-	W	W	W	-	W	198.7	W	710.5
November 2017	-	-	W	W	-	W	3.7	439.3	W	717.3
Ohio										
November 2018	W	W	454.3	539.4	W	W	-	W	-	814.4
October 2018	W	W	480.7	541.8	W	W	-	W	-	699.3
November 2017	-	W	464.1	658.9	W	W	-	W	-	766.0
Oklahoma										
November 2018	W	-	W	397.6	-	W	-	W	W	322.9
October 2018	W	-	W	566.4	-	W	-	W	-	304.7
November 2017	W	-	W	433.5	-	W	-	36.3	-	245.8
South Dakota										
November 2018	-	-	W	-	W	-	W	170.8	W	279.9
October 2018	W	-	W	-	-	-	W	39.5	W	255.0
November 2017	-	-	W	-	-	W	W	134.2	W	281.7
Tennessee										
November 2018	-	W	W	190.3	W	W	-	-	-	223.8
October 2018	W	16.4	W	192.0	W	W	-	W	-	187.5
November 2017	W	W	W	146.5	W	49.7	-	W	-	198.8
Wisconsin										
November 2018	-	-	66.9	W	W	W	W	115.0	W	1,029.0
October 2018	-	-	62.6	W	W	W	W	34.4	W	678.3
November 2017	-	-	W	W	W	3.0	W	129.3	W	1,237.5
PAD District 3										
November 2018	W	90.5	5,830.3	17,791.5	-	1,004.0	-	W	3,345.0	12,725.8
October 2018	W	130.1	5,463.0	17,842.9	-	441.4	-	W	3,793.7	8,704.4
November 2017	W	102.2	6,428.6	17,193.6	-	751.7	-	W	3,931.2	11,818.1
Alabama										
November 2018	-	W	70.0	156.0	-	W	-	-	-	469.4
October 2018	-	W	72.2	71.2	-	W	-	-	-	249.2
November 2017	W	-	90.7	80.2	-	W	-	-	-	352.4
Arkansas										
November 2018	W	-	W	W	-	-	-	-	-	W
October 2018	-	-	W	W	-	-	-	-	-	W
November 2017	W	-	W	W	-	W	-	-	-	55.1
Louisiana										
November 2018	-	4.7	528.7	5,361.6	-	W	-	W	850.3	521.1
October 2018	W	6.5	604.6	6,046.0	-	W	-	W	977.5	192.8
November 2017	-	-	1,006.8	6,081.0	-	W	-	W	803.1	176.8
Mississippi										
November 2018	-	W	1,186.4	1,644.5	-	W	-	-	-	709.9
October 2018	-	W	962.8	1,946.0	-	W	-	-	-	436.8
November 2017	-	W	701.9	1,116.2	-	W	-	-	-	398.5
New Mexico										
November 2018	W	-	W	W	-	-	-	-	-	W
October 2018	W	-	W	W	-	-	-	-	-	W
November 2017	W	-	W	W	-	-	-	-	-	83.0
Texas										
November 2018	W	W	3,984.4	10,545.5	-	W	-	-	2,494.7	10,857.5
October 2018	W	W	3,750.7	9,674.2	-	W	-	-	2,816.3	7,689.7
November 2017	W	W	4,567.7	9,787.1	-	18.3	-	-	3,128.0	10,752.3

See footnotes at end of table.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4										
November 2018	W	W	812.5	991.5	-	-	W	307.5	W	1,114.7
October 2018	W	W	930.0	1,016.4	W	-	W	171.4	W	1,021.5
November 2017	W	W	919.4	683.2	-	-	W	271.1	W	1,051.0
Colorado										
November 2018	W	-	303.8	660.9	-	-	-	108.1	W	461.2
October 2018	W	-	285.7	654.3	-	-	-	53.4	W	386.2
November 2017	W	-	275.1	NA	-	-	-	90.8	W	367.0
Idaho										
November 2018	-	-	W	15.7	-	-	W	15.3	W	49.6
October 2018	-	-	W	25.3	W	-	W	W	W	47.3
November 2017	-	-	W	15.9	-	-	W	16.4	W	W
Montana										
November 2018	W	W	W	W	-	-	W	90.0	W	144.1
October 2018	-	W	W	W	-	-	W	43.0	W	122.0
November 2017	-	W	W	W	-	-	W	81.7	W	158.4
Utah										
November 2018	W	W	345.6	252.3	-	-	W	24.3	-	107.9
October 2018	W	W	473.5	269.1	-	-	-	W	-	122.2
November 2017	W	W	375.6	225.5	-	-	W	25.4	-	W
Wyoming										
November 2018	-	-	W	W	-	-	W	69.8	-	351.8
October 2018	-	-	W	W	-	-	W	53.2	-	343.8
November 2017	-	-	W	W	-	-	W	56.9	-	366.5
PAD District 5										
November 2018	W	W	12,701.6	7,911.0	-	W	W	357.0	W	1,780.2
October 2018	W	175.9	13,243.2	8,071.7	-	W	W	342.8	W	1,790.9
November 2017	W	W	12,647.6	7,638.4	W	W	W	294.0	W	2,091.8
Alaska										
November 2018	W	-	W	W	-	-	W	W	W	W
October 2018	W	W	W	W	-	-	W	W	W	W
November 2017	W	W	W	W	-	-	W	W	W	W
Arizona										
November 2018	W	W	90.8	278.3	-	-	-	-	-	181.7
October 2018	W	W	75.6	367.2	-	-	-	-	-	130.8
November 2017	W	W	214.1	227.8	-	-	-	-	-	107.9
California										
November 2018	W	23.6	7,541.7	5,317.5	-	W	-	-	-	1,053.8
October 2018	W	W	8,055.4	6,187.5	-	W	-	-	-	1,043.8
November 2017	-	28.6	7,449.5	5,955.9	-	W	-	-	-	1,304.3
Hawaii										
November 2018	-	W	W	W	-	-	-	-	-	W
October 2018	-	W	W	W	-	-	-	-	-	W
November 2017	-	W	W	W	-	-	-	-	-	W
Nevada										
November 2018	-	-	W	W	-	-	-	-	-	121.9
October 2018	-	-	W	226.7	-	-	-	-	-	118.1
November 2017	-	-	W	W	-	-	-	-	-	89.9
Oregon										
November 2018	-	11.2	460.9	W	-	-	-	W	W	W
October 2018	-	20.3	425.4	66.5	-	-	-	W	W	71.5
November 2017	-	10.8	W	61.8	-	-	-	W	W	W
Washington										
November 2018	-	W	1,692.9	884.8	-	-	W	W	W	293.2
October 2018	-	W	2,138.6	276.2	-	-	-	W	W	386.5
November 2017	-	W	2,028.0	198.9	W	-	W	W	W	481.3

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report."

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state
thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
November 2018	12,803.4	152,898.9	W	W	W	W
October 2018	13,071.8	159,451.1	W	W	W	W
November 2017	12,468.6	148,913.3	W	W	W	W
PAD District 1						
November 2018	W	33,901.7	-	W	-	W
October 2018	W	W	-	-	-	W
November 2017	W	30,272.3	-	W	-	W
Subdistrict 1A						
November 2018	W	1,383.0	-	-	-	-
October 2018	W	1,774.4	-	-	-	-
November 2017	W	W	-	-	-	-
Connecticut						
November 2018	W	583.1	-	-	-	-
October 2018	W	637.2	-	-	-	-
November 2017	W	W	-	-	-	-
Maine						
November 2018	-	W	-	-	-	-
October 2018	-	W	-	-	-	-
November 2017	-	W	-	-	-	-
Massachusetts						
November 2018	W	W	-	-	-	-
October 2018	W	W	-	-	-	-
November 2017	W	W	-	-	-	-
New Hampshire						
November 2018	W	W	-	-	-	-
October 2018	W	W	-	-	-	-
November 2017	W	W	-	-	-	-
Rhode Island						
November 2018	W	W	-	-	-	-
October 2018	W	W	-	-	-	-
November 2017	W	W	-	-	-	-
Vermont						
November 2018	-	W	-	-	-	-
October 2018	W	W	-	-	-	-
November 2017	W	W	-	-	-	-
Subdistrict 1B						
November 2018	W	17,238.7	-	W	-	W
October 2018	W	W	-	-	-	W
November 2017	W	W	-	W	-	W
Delaware						
November 2018	W	W	-	-	-	-
October 2018	W	605.1	-	-	-	-
November 2017	W	W	-	-	-	-
District of Columbia						
November 2018	-	W	-	-	-	-
October 2018	-	W	-	-	-	-
November 2017	-	W	-	-	-	-
Maryland						
November 2018	W	W	-	-	-	W
October 2018	W	1,291.1	-	-	-	W
November 2017	W	W	-	-	-	W
New Jersey						
November 2018	W	8,490.7	-	W	-	W
October 2018	173.6	6,158.0	-	-	-	-
November 2017	W	W	-	W	-	-
New York						
November 2018	196.4	W	-	-	-	W
October 2018	W	W	-	-	-	W
November 2017	W	W	-	-	-	W
Pennsylvania						
November 2018	W	5,681.2	-	-	-	-
October 2018	W	5,196.9	-	-	-	-
November 2017	272.0	6,485.6	-	-	-	-

See footnotes at end of table.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
November 2018	W	15,280.0	-	-	-	-
October 2018	927.0	15,328.7	-	-	-	-
November 2017	866.8	W	-	-	-	-
Florida						
November 2018	W	4,584.5	-	-	-	-
October 2018	255.6	4,901.7	-	-	-	-
November 2017	318.3	4,762.6	-	-	-	-
Georgia						
November 2018	70.3	W	-	-	-	-
October 2018	75.4	2,641.3	-	-	-	-
November 2017	94.8	2,244.9	-	-	-	-
North Carolina						
November 2018	373.7	W	-	-	-	-
October 2018	416.3	W	-	-	-	-
November 2017	274.3	W	-	-	-	-
South Carolina						
November 2018	W	W	-	-	-	-
October 2018	W	W	-	-	-	-
November 2017	W	1,306.3	-	-	-	-
Virginia						
November 2018	W	W	-	-	-	-
October 2018	W	W	-	-	-	-
November 2017	12.2	W	-	-	-	-
West Virginia						
November 2018	W	W	-	-	-	-
October 2018	W	W	-	-	-	-
November 2017	W	W	-	-	-	-
PAD District 2						
November 2018	W	W	-	-	-	-
October 2018	W	W	-	-	-	-
November 2017	W	W	-	-	-	-
Illinois						
November 2018	346.2	6,667.5	-	-	-	-
October 2018	372.2	7,192.6	-	-	-	-
November 2017	W	6,012.2	-	-	-	-
Indiana						
November 2018	W	3,778.4	-	-	-	-
October 2018	W	4,219.5	-	-	-	-
November 2017	W	3,801.0	-	-	-	-
Iowa						
November 2018	26.6	2,261.4	-	-	-	-
October 2018	19.6	2,314.4	-	-	-	-
November 2017	18.7	2,724.6	-	-	-	-
Kansas						
November 2018	484.0	3,374.4	-	-	-	-
October 2018	413.7	3,651.6	-	-	-	-
November 2017	480.0	3,471.9	-	-	-	-
Kentucky						
November 2018	483.0	1,818.3	-	-	-	-
October 2018	469.6	2,027.5	-	-	-	-
November 2017	W	W	-	-	-	-
Michigan						
November 2018	243.7	W	-	-	-	-
October 2018	242.3	W	-	-	-	-
November 2017	W	W	-	-	-	-
Minnesota						
November 2018	W	W	-	-	-	-
October 2018	W	W	-	-	-	-
November 2017	W	2,690.8	-	-	-	-
Missouri						
November 2018	W	1,606.3	-	-	-	-
October 2018	2.8	1,699.8	-	-	-	-
November 2017	W	1,661.4	-	-	-	-

See footnotes at end of table.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
November 2018	W	1,417.1	-	-	-	-
October 2018	W	1,560.4	-	-	-	-
November 2017	W	1,588.4	-	-	-	-
North Dakota						
November 2018	W	1,190.3	-	-	-	-
October 2018	W	1,644.5	-	-	-	-
November 2017	W	1,131.5	-	-	-	-
Ohio						
November 2018	683.7	5,211.0	-	-	-	-
October 2018	788.1	5,773.4	-	-	-	-
November 2017	W	4,829.2	-	-	-	-
Oklahoma						
November 2018	W	5,988.3	-	-	-	-
October 2018	W	7,379.7	-	-	-	-
November 2017	512.0	5,913.0	-	-	-	-
South Dakota						
November 2018	W	614.0	-	-	-	-
October 2018	W	768.5	-	-	-	-
November 2017	W	755.6	-	-	-	-
Tennessee						
November 2018	352.2	3,644.7	-	-	-	-
October 2018	363.7	3,829.8	-	-	-	-
November 2017	289.6	3,280.0	-	-	-	-
Wisconsin						
November 2018	W	W	-	-	-	-
October 2018	W	2,331.7	-	-	-	-
November 2017	W	W	-	-	-	-
PAD District 3						
November 2018	3,118.3	47,802.1	-	W	-	W
October 2018	2,840.3	49,107.0	-	W	-	W
November 2017	W	49,503.2	W	W	-	W
Alabama						
November 2018	125.2	1,754.5	-	-	-	-
October 2018	137.8	1,826.8	-	-	-	-
November 2017	149.9	1,449.4	-	-	-	-
Arkansas						
November 2018	W	1,296.2	-	-	-	-
October 2018	W	1,486.0	-	-	-	-
November 2017	W	1,420.8	-	-	-	-
Louisiana						
November 2018	245.6	W	-	W	-	W
October 2018	207.1	W	-	W	-	W
November 2017	161.0	11,913.7	-	W	-	W
Mississippi						
November 2018	34.3	W	-	-	-	-
October 2018	41.9	W	-	-	-	-
November 2017	50.7	2,308.3	-	W	-	-
New Mexico						
November 2018	426.8	1,265.9	-	-	-	-
October 2018	432.6	1,275.4	-	-	-	-
November 2017	330.7	1,338.3	-	-	-	-
Texas						
November 2018	W	W	-	-	-	W
October 2018	W	W	-	-	-	W
November 2017	2,073.0	31,072.8	W	W	-	W

See footnotes at end of table.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
November 2018	W	6,188.3	-	-	-	-
October 2018	W	6,967.1	-	-	-	-
November 2017	W	W	-	-	-	-
Colorado						
November 2018	213.6	2,011.5	-	-	-	-
October 2018	238.8	2,208.0	-	-	-	-
November 2017	236.6	2,054.6	-	-	-	-
Idaho						
November 2018	W	678.1	-	-	-	-
October 2018	W	769.1	-	-	-	-
November 2017	W	659.4	-	-	-	-
Montana						
November 2018	W	993.1	-	-	-	-
October 2018	W	1,179.9	-	-	-	-
November 2017	200.3	976.3	-	-	-	-
Utah						
November 2018	W	1,343.3	-	-	-	-
October 2018	W	1,556.6	-	-	-	-
November 2017	326.9	W	-	-	-	-
Wyoming						
November 2018	326.2	1,162.4	-	-	-	-
October 2018	334.3	1,253.5	-	-	-	-
November 2017	405.5	948.9	-	-	-	-
PAD District 5						
November 2018	W	W	W	-	W	W
October 2018	W	W	W	-	W	W
November 2017	W	W	W	-	W	W
Alaska						
November 2018	W	W	-	-	-	-
October 2018	W	W	-	-	-	-
November 2017	W	W	-	-	-	-
Arizona						
November 2018	460.1	953.7	-	-	-	-
October 2018	442.2	990.0	-	-	-	-
November 2017	405.8	1,024.0	-	-	-	-
California						
November 2018	1,219.8	W	-	-	-	W
October 2018	1,295.0	W	-	-	-	W
November 2017	1,166.1	W	-	-	-	W
Hawaii						
November 2018	W	W	W	-	W	W
October 2018	W	W	W	-	W	W
November 2017	W	W	W	-	W	W
Nevada						
November 2018	W	563.0	-	-	-	-
October 2018	W	508.4	-	-	-	-
November 2017	W	518.2	-	-	-	-
Oregon						
November 2018	8.5	2,115.2	-	-	-	-
October 2018	3.9	2,224.9	-	-	-	-
November 2017	7.5	2,051.1	-	-	-	-
Washington						
November 2018	W	3,873.1	-	-	-	-
October 2018	W	3,486.6	-	-	-	-
November 2017	W	2,911.8	-	-	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report."

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state
thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States				
November 2018	160.5	12,858.2	13,319.1	167,003.1
October 2018	60.5	9,708.5	13,351.4	170,940.6
November 2017	151.7	10,663.9	12,863.9	164,152.2
PAD District 1				
November 2018	W	9,620.9	1,633.6	43,633.9
October 2018	W	6,612.3	1,638.3	38,432.5
November 2017	W	6,216.6	1,562.8	37,155.9
Subdistrict 1A				
November 2018	-	2,074.2	W	3,457.1
October 2018	-	1,135.5	W	2,909.8
November 2017	-	W	W	1,873.8
Connecticut				
November 2018	-	971.1	W	1,554.2
October 2018	-	524.2	W	1,161.4
November 2017	-	W	W	471.6
Maine				
November 2018	-	W	-	W
October 2018	-	W	-	W
November 2017	-	W	-	207.6
Massachusetts				
November 2018	-	W	W	552.4
October 2018	-	W	W	409.0
November 2017	-	W	W	438.3
New Hampshire				
November 2018	-	W	W	W
October 2018	-	W	W	W
November 2017	-	W	W	W
Rhode Island				
November 2018	-	W	W	NA
October 2018	-	W	W	NA
November 2017	-	W	W	504.7
Vermont				
November 2018	-	W	-	W
October 2018	-	W	W	W
November 2017	-	W	W	W
Subdistrict 1B				
November 2018	W	7,066.2	W	24,416.2
October 2018	W	5,116.5	W	19,833.5
November 2017	W	5,218.8	W	20,899.8
Delaware				
November 2018	-	W	W	W
October 2018	-	W	W	W
November 2017	-	W	W	W
District of Columbia				
November 2018	-	-	-	W
October 2018	-	-	-	W
November 2017	-	-	-	W
Maryland				
November 2018	W	W	W	1,579.3
October 2018	-	W	W	1,454.1
November 2017	W	W	W	1,293.3
New Jersey				
November 2018	W	4,848.9	212.7	13,383.3
October 2018	-	3,329.6	173.6	9,487.6
November 2017	W	2,805.8	203.6	9,736.7
New York				
November 2018	-	970.8	196.4	2,066.8
October 2018	W	357.8	190.9	1,801.1
November 2017	W	800.3	182.0	1,744.3
Pennsylvania				
November 2018	W	831.6	265.4	6,512.8
October 2018	W	707.4	292.6	5,904.3
November 2017	-	1,104.4	272.0	7,590.0

See footnotes at end of table.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C				
November 2018	W	480.6	913.5	15,760.6
October 2018	-	360.4	927.0	15,689.1
November 2017	-	W	866.8	14,382.3
Florida				
November 2018	W	-	319.6	4,584.5
October 2018	-	-	255.6	4,901.7
November 2017	-	-	318.3	4,762.6
Georgia				
November 2018	-	W	70.3	2,728.7
October 2018	-	-	75.4	2,641.3
November 2017	-	-	94.8	2,244.9
North Carolina				
November 2018	-	W	373.7	3,162.6
October 2018	-	W	416.3	2,892.1
November 2017	-	W	274.3	2,812.5
South Carolina				
November 2018	-	W	W	1,765.9
October 2018	-	W	W	1,670.8
November 2017	-	-	W	1,306.3
Virginia				
November 2018	-	W	W	2,711.9
October 2018	-	W	W	2,731.4
November 2017	-	W	12.2	2,648.9
West Virginia				
November 2018	-	W	W	806.9
October 2018	-	W	W	851.8
November 2017	-	W	W	607.1
PAD District 2				
November 2018	W	W	4,612.8	45,015.7
October 2018	W	W	4,896.9	50,049.7
November 2017	W	W	4,660.7	45,022.0
Illinois				
November 2018	-	-	346.2	6,667.5
October 2018	-	-	372.2	7,192.6
November 2017	-	-	W	6,012.2
Indiana				
November 2018	-	-	W	3,778.4
October 2018	-	-	W	4,219.5
November 2017	-	-	W	3,801.0
Iowa				
November 2018	-	-	26.6	2,261.4
October 2018	-	-	19.6	2,314.4
November 2017	-	-	18.7	2,724.6
Kansas				
November 2018	-	-	484.0	3,374.4
October 2018	-	-	413.7	3,651.6
November 2017	-	-	480.0	3,471.9
Kentucky				
November 2018	-	-	483.0	1,818.3
October 2018	-	-	469.6	2,027.5
November 2017	-	W	W	1,823.5
Michigan				
November 2018	-	W	243.7	2,619.7
October 2018	-	W	242.3	2,668.9
November 2017	-	W	W	2,734.3
Minnesota				
November 2018	W	W	313.9	2,623.7
October 2018	W	W	340.4	2,987.4
November 2017	W	-	316.3	2,690.8
Missouri				
November 2018	-	-	W	1,606.3
October 2018	-	-	2.8	1,699.8
November 2017	-	-	W	1,661.4

See footnotes at end of table.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)				
Nebraska				
November 2018	-	-	W	1,417.1
October 2018	-	-	W	1,560.4
November 2017	-	-	W	1,588.4
North Dakota				
November 2018	W	-	W	1,190.3
October 2018	W	-	W	1,644.5
November 2017	W	-	W	1,131.5
Ohio				
November 2018	-	-	683.7	5,211.0
October 2018	-	-	788.1	5,773.4
November 2017	-	-	W	4,829.2
Oklahoma				
November 2018	-	-	W	5,988.3
October 2018	-	-	W	7,379.7
November 2017	-	-	512.0	5,913.0
South Dakota				
November 2018	W	-	W	614.0
October 2018	W	-	W	768.5
November 2017	W	-	W	755.6
Tennessee				
November 2018	-	-	352.2	3,644.7
October 2018	-	-	363.7	3,829.8
November 2017	-	-	289.6	3,280.0
Wisconsin				
November 2018	W	W	64.6	2,200.6
October 2018	W	-	55.9	2,331.7
November 2017	W	W	46.3	2,604.5
PAD District 3				
November 2018	-	3,131.6	3,118.3	51,792.0
October 2018	-	3,030.7	2,840.3	53,043.8
November 2017	-	4,226.5	2,869.2	57,233.5
Alabama				
November 2018	-	-	125.2	1,754.5
October 2018	-	-	137.8	1,826.8
November 2017	-	-	149.9	1,449.4
Arkansas				
November 2018	-	-	W	1,296.2
October 2018	-	-	W	1,486.0
November 2017	-	-	W	1,420.8
Louisiana				
November 2018	-	W	245.6	10,172.3
October 2018	-	W	207.1	11,542.8
November 2017	-	W	161.0	16,388.8
Mississippi				
November 2018	-	W	W	2,191.0
October 2018	-	W	W	2,961.3
November 2017	-	W	W	2,884.9
New Mexico				
November 2018	-	-	426.8	1,265.9
October 2018	-	-	432.6	1,275.4
November 2017	-	-	330.7	1,338.3
Texas				
November 2018	-	1,674.4	2,186.1	35,112.0
October 2018	-	1,963.2	1,848.9	33,951.5
November 2017	-	2,640.1	2,081.4	33,751.3

See footnotes at end of table.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4				
November 2018	W	-	1,196.7	6,188.3
October 2018	W	-	1,277.6	6,967.1
November 2017	W	W	1,220.3	6,253.2
Colorado				
November 2018	-	-	213.6	2,011.5
October 2018	-	-	238.8	2,208.0
November 2017	-	-	236.6	2,054.6
Idaho				
November 2018	W	-	W	678.1
October 2018	W	-	W	769.1
November 2017	W	-	51.0	659.4
Montana				
November 2018	-	-	W	993.1
October 2018	-	-	W	1,179.9
November 2017	-	-	200.3	976.3
Utah				
November 2018	W	-	435.9	1,343.3
October 2018	W	-	459.4	1,556.6
November 2017	-	W	326.9	1,614.1
Wyoming				
November 2018	-	-	326.2	1,162.4
October 2018	-	-	334.3	1,253.5
November 2017	-	-	405.5	948.9
PAD District 5				
November 2018	W	W	2,757.8	20,373.2
October 2018	W	W	2,698.4	22,447.5
November 2017	W	W	2,550.9	18,487.6
Alaska				
November 2018	W	W	W	W
October 2018	W	W	W	W
November 2017	W	W	W	W
Arizona				
November 2018	-	-	460.1	953.7
October 2018	-	-	442.2	990.0
November 2017	-	-	405.8	1,024.0
California				
November 2018	-	-	1,219.8	12,528.3
October 2018	-	-	1,295.0	14,618.6
November 2017	-	-	1,166.1	11,382.5
Hawaii				
November 2018	-	-	W	W
October 2018	-	-	W	W
November 2017	-	-	W	W
Nevada				
November 2018	W	-	W	563.0
October 2018	W	-	NA	508.4
November 2017	W	-	W	518.2
Oregon				
November 2018	-	-	8.5	2,115.2
October 2018	-	-	3.9	2,224.9
November 2017	-	-	7.5	2,051.1
Washington				
November 2018	W	-	245.3	3,873.1
October 2018	W	-	262.1	3,486.6
November 2017	W	-	270.2	2,911.8

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 44. Refiner residual fuel oil and no. 4 fuel volumes by PAD District

thousand gallons per day

Geographic area month	Residual fuel oil						No. 4 fuel[a]	
	Sulfur less than or equal to 1%		Sulfur greater than 1%		Total		Sales to end users	Sales for resale
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale		
United States								
November 2018	W	206.1	W	6,525.1	3,360.9	6,731.3	-	W
October 2018	W	240.4	W	7,044.0	3,773.4	7,284.4	-	W
November 2017	W	592.5	W	6,646.7	4,254.6	7,239.3	-	W
PAD District 1								
November 2018	W	W	W	W	W	2,130.1	-	-
October 2018	W	W	W	W	W	W	-	-
November 2017	W	W	W	W	W	2,315.6	-	-
Subdistrict 1A								
November 2018	-	-	-	-	-	-	-	-
October 2018	-	-	-	-	-	-	-	-
November 2017	-	-	-	-	-	-	-	-
Subdistrict 1B								
November 2018	W	W	W	W	W	2,130.1	-	-
October 2018	W	W	W	W	W	W	-	-
November 2017	W	W	W	W	W	W	-	-
Subdistrict 1C								
November 2018	-	-	-	-	-	-	-	-
October 2018	-	-	-	-	-	-	-	-
November 2017	-	-	W	W	W	W	-	-
PAD District 2								
November 2018	-	-	W	W	W	W	-	-
October 2018	-	-	W	W	W	W	-	-
November 2017	-	-	-	W	-	W	-	W
PAD District 3								
November 2018	-	W	685.9	W	685.9	3,626.8	-	W
October 2018	-	W	602.7	W	602.7	3,440.7	-	W
November 2017	-	W	W	W	W	3,808.8	-	W
PAD District 4								
November 2018	-	-	-	W	-	W	-	-
October 2018	-	-	-	W	-	W	-	-
November 2017	-	-	-	W	-	W	-	-
PAD District 5								
November 2018	W	W	W	W	2,405.0	W	-	-
October 2018	W	W	W	W	2,800.4	1,315.8	-	-
November 2017	W	W	W	W	2,956.4	W	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."